

# CKAP2 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14743

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8WWK9</a>
<b>Other Accession</b>	<a href="#">NM_001098525</a> , <a href="#">NP_001091995</a>
<b>Reactivity</b>	Human, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	76987

## Additional Information

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<b>Gene ID</b>	26586
<b>Alias Symbol</b> <b>Other Names</b>	DKFZp686L1238, FLJ10749, LB1, TMAP, se20-10 Cytoskeleton-associated protein 2, CTCL tumor antigen se20-10, Tumor- and microtubule-associated protein, CKAP2 ( <a href="#">HGNC:1990</a> )
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-CKAP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	CKAP2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	CKAP2 ( <a href="#">HGNC:1990</a> )
<b>Function</b>	Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53/TP53- dependent manner (By similarity).
<b>Cellular Location</b>	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Contrary to the ectopically expressed protein, endogenous CKAP2 does not colocalize with microtubules in G1, S and early G2. At late G2 and prophase after separation of duplicated centrosomes, colocalizes with gamma-tubulin and centrosome-proximal microtubules. From prometaphase through anaphase B, colocalizes with

mitotic spindle poles and spindle microtubules. During cytokinesis, absent from midbody microtubules

#### Tissue Location

Abundant in testis, thymus, and in tumor derived cell lines, while barely detectable in liver, prostate, and kidney

## References

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Maouche-Chretien L.,et al.Oncogene 17:1245-1251(1998).  
Udina I.G.,et al.Genetika 37:120-123(2001).  
Bae C.-D.,et al.J. Cancer Res. Clin. Oncol. 129:621-630(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

## Images

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WB Suggested Anti-CKAP2 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.